PTO-1390 (Rev. 12-2004)
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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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| TDANSMITTAL LETTED TO  | ATTORNEY'S DOCKET NUMBER  |   |  |  |  |  |  |  |  |  |  |
|--|---|---|--|--|--|--|--|--|--|--|--|
| TRANSMITTAL LETTER TO DESIGNATED/ELECTED   | 3449-0413PUS1   |   |  |  |  |  |  |  |  |  |  |
| CONCERNING A SUBMISSION  | U.S. APPOCA IGNANDO (ILLINOWA SEER CER 1.5)   |   |  |  |  |  |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO.  | INTERNATIONAL FILING DATE   | PRIORITY DATE CLAIMED                             |  |  |  |  |  |  |  |  |  |
| PCT/KR2003/001668  TITLE OF INVENTION NITRIDE SEM  | 19 August 2003  | 19 August 2002                                    |  |  |  |  |  |  |  |  |  |
| TITLE OF INVENTION NITRIDE SEMICONDUCTOR LED AND FABRICATION METHOD THEREOF  |   |   |  |  |  |  |  |  |  |  |  |
|  | Hun LEE   |   |  |  |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:                                    |   |   |  |  |  |  |  |  |  |  |  |
| 1. X This is a FIRST submission of ite   | 1. x This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.                         |   |  |  |  |  |  |  |  |  |  |
| 2 This is a SECOND or SUBSEQU  | UENT submission of items concerning   | a submission under 35 U.S.C. 371.                 |  |  |  |  |  |  |  |  |  |
| This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. |   |   |  |  |  |  |  |  |  |  |  |
| 4. The US has been elected (Article 31).   |   |   |  |  |  |  |  |  |  |  |  |
| 5. x A copy of the International Application as filed (35 U.S.C. 371 (c)(2))   |   |   |  |  |  |  |  |  |  |  |  |
| a. is attached hereto (required  | a. is attached hereto (required only if not communicated by the International Bureau).                        |   |  |  |  |  |  |  |  |  |  |
| b. x has been communicated by  | b. x has been communicated by the International Bureau.   |   |  |  |  |  |  |  |  |  |  |
| c. is not required, as the applica   | c. is not required, as the application was filed in the United States Receiving Office (RO/US).               |   |  |  |  |  |  |  |  |  |  |
| 6. x An English language translation   | X An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           |   |  |  |  |  |  |  |  |  |  |
| a. x is attached hereto.   |   |   |  |  |  |  |  |  |  |  |  |
| b. has been previously submitte  |   |   |  |  |  |  |  |  |  |  |  |
| 7. x Amendments to the claims of the   | e International Application under PCT A   | Article 19 (35 U.S.C. 371 (c)(3))                 |  |  |  |  |  |  |  |  |  |
| a. are attached hereto (required   |   |   |  |  |  |  |  |  |  |  |  |
| b. have been communicated by   | the International Bureau.   |   |  |  |  |  |  |  |  |  |  |
| c. have not been made; however   | er, the time limit for making such amen   | ndments has NOT expired.                          |  |  |  |  |  |  |  |  |  |
| d. x have not been made and will   | not be made.  |   |  |  |  |  |  |  |  |  |  |
| 8. An English language translation of  | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).  |   |  |  |  |  |  |  |  |  |  |
| 9. x An oath or declaration of the inve  | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |   |  |  |  |  |  |  |  |  |  |
| 10 An English language translation   | An English language translation of the annexes to the International Preliminary Examination Report under PCT  |   |  |  |  |  |  |  |  |  |  |
| Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern docume   |   |   |  |  |  |  |  |  |  |  |  |
|  | ment under 37 CFR 1.97 and 1.98.  |   |  |  |  |  |  |  |  |  |  |
| $\vdash$   |   | nce with 37 CFR 3.28 and 3.31 is included.        |  |  |  |  |  |  |  |  |  |
| 13. A preliminary amendment.   | ding. A soparate sere, enest in temple.   | Will of St. N. 0.20 at 12 313 . 15 . 12 . 12 . 12 |  |  |  |  |  |  |  |  |  |
| 14. An Application Data Sheet under  | - 27 CED 1 76   |   |  |  |  |  |  |  |  |  |  |
|  | 37 CFR 1.70.  |   |  |  |  |  |  |  |  |  |  |
| 15. A substitute specification.  | Z. addiese take,  |   |  |  |  |  |  |  |  |  |  |
| 16. A power of attorney and/or chang   |   |   |  |  |  |  |  |  |  |  |  |
|  |   |   |  |  |  |  |  |  |  |  |  |
| 18. A second copy of the published I   | A second copy of the published International Application under 35 U.S.C. 154(d)(4).                           |   |  |  |  |  |  |  |  |  |  |
| 19. A second copy of the English lan   | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). |   |  |  |  |  |  |  |  |  |  |
| 20. x Other items or information: PCT/IB/308; PCT/ISA/210; Drawings - Three (3) Sheets   |   |   |  |  |  |  |  |  |  |  |  |
| •  |   |   |  |  |  |  |  |  |  |  |  |

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| U.S. APPLICATION NO. (if known see 37 CER 1.5)   INTERNATIONAL APPLICATION NO. PCT/KR2003/001668  |  |  |             |          |              | ATTORNEY'S DOCKET NUMBER 3449-0413PUS1 |               |                        |          |  |  |
|---|--|--|-------------|----------|--------------|--|---------------|------------------------|----------|--|--|
| 21. The following fees are submitted:   |  |  |             |          |              |  |               |                        |          |  |  |
| x a) Basic national fee\$300.00   |  |  |             |          |              |  |               | \$ 300.00              |          |  |  |
| x b) Examination fee\$200.00  |  |  |             |          |              |  | \$ 200.00     | )                      |          |  |  |
| x c) Search fee   |  |  |             |          |              |  | \$ 500.00     |                        |          |  |  |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00   |  |  |             |          |              |  | \$ 1,000.00   | )                      |          |  |  |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |  |  |             |          |              |  |               |                        |          |  |  |
| Total Sheets  | E  | Extra sheets Number of each additional 50 or fraction thereof (round up to a whole number RATE |             |          |              |  |               |                        |          |  |  |
| 16 - 100 =  |  | /50 =  | = x \$250.0 |          |              |  | x \$250.00    |                        |          |  |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).   |  |  |             |          |              |  | \$            |                        |          |  |  |
| CLAIMS  | CLAIMS NUMBER FILED NU   |  |             | NUI      | MBER EXTRA   | R                                      | ATE           |                        |          |  |  |
| Total claim   |  |  | 20 =        |          |              | ×                                      |               | \$ 0.00                |          |  |  |
| Independent cl  |  |  | -3 =        |          | 1            | X +                                    | 200.00        | \$ 200.00<br>\$        | )        |  |  |
| MULTIPLE DEF  | ENDE   | INT CLAIM(S)   | (п арріі    | <u> </u> | TAL OF ABOVE | L                                      | ATIONS =      | \$                     | 1,200.00 |  |  |
|   | TOTAL OF ABOVE CALCULATIONS =  Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.                   |  |             |          |              |  |               | \$                     |          |  |  |
| are reduce  | ed by  | /2.  |             |          |              | SUB                                    | STOTAL =      | \$ 1,200.00            |          |  |  |
| _   | Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). |  |             |          |              |  |               | \$                     |          |  |  |
| TOTAL NATIONAL FEE =  |  |  |             |          |              |  | \$ 1,200.00   |                        |          |  |  |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |  |  |             |          |              |  |               | 40.00                  |          |  |  |
| TOTAL FEES ENCLOSED =   |  |  |             |          |              |  | \$            | 1,240.00               |          |  |  |
|   |  |  |             |          |              |  |               | Amount to be refunded: | \$       |  |  |
|   |  |  |             |          |              |  |               | Amount to be charged:  | \$       |  |  |
| a. X A ch   | eck in   | the amount o   | f \$        | 1        | ,240.00      | to cover th                            | ne above fees | is enclosed.           |          |  |  |
| I —   | b. Please charge my Deposit Account No. in the amount of \$  |  |             |          |              |  |               |                        |          |  |  |
| to cover the above fees. A duplicate copy of this sheet is enclosed.  |  |  |             |          |              |  |               |                        |          |  |  |
| c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any   |  |  |             |          |              |  |               |                        |          |  |  |
| overpayment to Deposit Account No. 02-2448 . A duplicate copy of this sheet is enclosed.  d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card  |  |  |             |          |              |  |               |                        |          |  |  |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.                      |  |  |             |          |              |  |               |                        |          |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 137 (a) or (b)) must be filed and granted to restore the International Application to pending status.                                     |  |  |             |          |              |  |               |                        |          |  |  |
| SEND ALL CORRESPONDENCE TO:   |  |  |             |          |              |  |               |                        |          |  |  |
| James T. Eller, Jr.   |  |  |             |          |              |  |               |                        |          |  |  |
| CUSTOMER NUMBER: 02292 NAME   |  |  |             |          |              |  |               |                        |          |  |  |
| December 14, 2004 REGISTRATION N  |  |  |             |          |              |  | 39,538        |                        |          |  |  |
| /clb  |  |  |             |          |              |  |               |                        |          |  |  |
|   |  | . <u>.</u>   |             |          |              |  |               |                        |          |  |  |